

1616 PATENT APPLICATION Mo-7057 LeA 34,002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICATION OF** REINER FISCHER ET AL

SERIAL NUMBER: 10/089,989

FILED: APRIL 2, 2002

TITLE: ACTIVE INGREDIENT COMBINATIONS

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**PROPERTIES** 

**GROUP NO.: 1616** 

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## **INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)**

**Assistant Commissioner for Patents** Washington, D.C. 20231 Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements, copies of documents and any corresponding English language equivalents listed on the attached Form PTO are enclosed.

> I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Assistant Commissioner for 3/24/2003 Patents, Washington, D.C. 20231 Date Raymond J. Harmuth, Reg. No. 33,896 Name of applicant, assigned Registered Representative Signatúre 24, 2003 Date

Concise statements of the presently understood relevance of each of the documents are found in the specification filed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

Attorney for Applicants

Reg. No. 33,896

Bayer CropScience LP 100 Bayer Road Pittsburgh, Pennsylvania 15205-9741 (412) 777-8366 **FACSIMILE PHONE NUMBER:** (412) 777-8363 lo/HARMUTH/rjh033

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Mo-7057 / LeA 34,002 Applicant

Serial No. 10/089,989

Reiner Fischer et al Filing Date April 2, 2002

Atty. Docket No.

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EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
STEE SERVICE	-AA	4,531,002	07/23/85	(Bel. to corresp. to EP	135,956) 544	54	
	AB	4,590,272	05/20/86	(Bel. to corresp. to EP Shiokawa et al	136,636) 544	335	
	AC	4,606,862	08/19/86	(Bel. to corresp. to EP Harris	135,956) 260	402.5	
	AD	4,647,570	03/03/87	(Bel. to corresp. to EP Shiokawa et al	154,178) 514	341	
	AE	4,678,795	07/07/87	(Bel. to corresp. to EP Shiokawa et al	163,855) 514	341	
	AF	4,680,294	07/14/87	(Bel. to corresp. to EP Shiokawa et al	154,178) 514	256	
	AG	4,687,845	08/18/87	(Bel. to corresp. to EP Hollowood et al	189,972) 544	54	
	AH	4,742,060	05/03/88	(Bel. to corresp. to EP Shiokawa et al	192,060) 514	252	
	AI	4,772,620	09/20/88	(Bel. to corresp. to EP Shiokawa et al	212,600) 514	341	
	AJ	4,774,247	09/27/88	(Bel. to corresp. to EP Shiokawa et al	163,855) 514	256	
	AK	4,803,277	02/07/89	(Bel. to corresp. to EP Shiokawa et al	259,738) 514	332	

**FOREIGN PATENT DOCUMENTS** 

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	ATION
L							Yes	No*
	AL	**0 528 156	02/24/93	Europe				
	AM	2,052,731	04/06/92	(Bel. to corresp. to EP 483,055) Canada				
	AN	7-173157	07/11/95	Japan (Abstract Attached)			,	x
	AO	8-291171	11/5/96	Japan (Abstract Attached)				x
	AP	5-178833	07/20/93	Japan (Abstract Attached)			,	×

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		Weeds, 15, (month unavailable) 1967, pgs. 20-22, "Calculating Synergistic and Antagonistic
	AR	Responses of Herbicide Combinations" by S. R. Colby.
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Sheet 2 of 7 Patent and Trademark Office
LIST OF PRIOR ART CITED BY APPLICANT

WAR 2 7 2003 (Use Several Sheets If Necessaria) Atty. Docket No. Serial No. Rev. 7-80 Mo-7057 / LeA 34,002 10/089,989 Applicant Reiner Fischer et al Filing Date Group April 2, 2002 1616 **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE INITIAL DOCUMENT NUMBER DATE NAME IF APPRO-CLASS SUBCLASS **PRIATE** 254.859) (Bel. to corresp. to EP 4,806,553 02/21/89 AA Shiokawa et al 514. 332 (Bel. to corresp. to EP 212,600) 03/14/89 ΑB 4,812,454 256 Shiokawa et al 514 (Bel. to corresp. to EP 163,855) 03/14/89 AC 4,812,571 296 Shiokawa et al 546 THE CELLER (Bel. to corresp. to EP 192,060) ΑĎ 4,845,106 07/04/89 Shiokawa et al 342 514 235,725) (Bel. to corresp. to EP 07/18/89 ΑE 4,849,432 Shiokawa et al 514 259,738) (Bel. to corresp. to EP ΑF 4,882,344 11/21/89 Shiokawa et al 514 (Bel. to corresp. to EP 315,826) 04/03/90 AG 4,914,113 Shiokawa et al 514 (Bel. to corresp. to EP 302,833) 4,918,086 04/17/90 Gsell 514 (Bel. to corresp. to BR 88,03,621) 04/17/90 357 ΑI 4,918,088 Gsell 514 (Bel. to corresp. to EP 306,696) AJ 4,948,798 08/14/90 Gsell 514 275 (Bel. to corresp. to EP 303,570) 4,963,572 10/16/90 Gsell 357 514 **FOREIGN PATENT DOCUMENTS** 

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<u> </u>						Yes	No*
AL	3-279359	12/10/91	Japan (Abstract Attached)				Х
AM	3-255072	11/13/91	Japan (Abstract Attached)				X
 AN	3-246283	11/01/91	Japan (Abstract Attached)				х
AO	4-9371	01/14/92	Japan (Abstract Attached)				х
AP	63-287764	11/24/88	Japan (Abstract Attached)				х
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		AA	4,963,574		10/16/9	90	(Bel. to corresp. to FR Bachmann et al	2,611,114) 514	357					
		AB	4,988,712	-	01/29/9	91	(Bel. to corresp. to EP Shiokawa et al	259,738) 514	340	<u> </u>				
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		AC	5,001,138		03/19/9	91	Shiokawa et al	514	342	3	7			
							(Bel. to corresp. to EP	386,565)	=	N AR				
		AD	5,032,589		07/16/9	91	Shiokawa et al	514	245	<b>D P</b>				
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		AE	5,034,404		07/23/9	911	Uneme et al (Bel. to corresp. to EP	514 386,565)	365	图 8	$-\mathbf{H}$			
	·	AF	5,034,524		07/23/9	91	Shiokawa et al	544	124	10 0				
		AG	5,039,686		08/13/9	91	Davies et al	514	341	1600	3 [			
		АН	5,049,571		09/17/9	91	(Bel. to corresp. to EP Gsell	302,833) 514	345	MAR 2 8 2003				
		Al	5,051,434		09/24/9	91	(Bel. to corresp. to EP Kozo et al	375,907) 514	357	0				
		ĄJ	5,063,236	-	11/05/9	91	(Bel. to corresp. to EP Gsell	306,696) 514	318					
		AK	5.066,808		11/19/9	1	(Bel. to corresp. to EP Shiokawa et al	364,844) 514	231.5					
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	АВ	5,166,164	11/24/	92 N	Bel. to corresp. to EP anjo et al	425,978) 514	357	E	_	10000	
· · · · · · · · · · · · · · · · · · ·	AC	5,175,301	12/29/	92 M	Bel. to corresp. to EP	302,389) 546	272	R T	MA R	開	_
	AD	5,192,778	03/09/		Bel. to corresp. to EP odaka et al	455,000) 514	341	<b>=</b>	~	$\bigcirc$	
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	AF	5,204,360	.04/20/	93 Š	Bel. to corresp. to EP hiokawa et al	192,060) 514	342	1600/2900	2003		
	AG	5,214,152	05/25/	93 M	Bel. to corresp. to EP inamida et al	302,389) 548	181	29		0	
	АН	5,238,949	08/24/	93 Š	Bel. to corresp. to EP hiokawa et al	375,907) 514	327	<u> </u>			_
<del></del>	AI	5,256,679	10/26/	93 M	Bel. to corresp. to EP	471,372) 514	357				_
	AJ	5,264,584	11/23/	93 K	Bel. to corresp. to EP odaka et al Bel. to corresp. to EP	455,000) 548 464,830)	332.5			<u> </u>	
	AK	5,280,123	01/18/	94 N	anjo et al	548	111				
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ŀ		AA	5,298,507		03/29/9	4	Shiokawa et al	514	256			
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		AB	5,304,566		04/19/9	14	(Bel. to corresp. to WO Ishimitsu et al	91/04965) 514	357	땅		
		70	3,004,000		04/10/0		(Bel. to corresp. to EP	364,844)	337		<u> </u>	<del>- 20</del> -
		AC	5,384,324	l	01/24/9	5	Shiokawa et al	514	365	H	MAR	
							(Bel. to corresp. to EP	464,830)		3	2	0
		AD	5,405,961		04/11/9	5	Nanjo et al	544	243	CENTER	80	m
İ		ΑE	5,428,032		06/27/9	5	(Bel. to corresp. to EP Shiokawa et al	192,060)	226.8		1	4 8 9
		AE	5,426,032		00/2//9	<u> </u>	(Bel. to corresp. to EP	514 649,845)	220.0	<u> </u>	2003	
		AF	5,434,181		07/18/9	5	Kodaka et al	514	471	8	😅	F
							(Bel. to corresp. to EP	192,060)	-	7290		
		AG	5,461,167		10/24/9	5	Shiokawa et al	548	202			
		<b>^</b> LI	5,489,603		02/06/9		(Bel. to corresp. to EP Uneme et al	376,279 & 514	EP 493, 365	369)		
		AH	3,469,603		02/00/9		(Bel. to corresp. to EP	649,845)	303	-	<del></del>	
		ΑI	5,532,365		07/02/9	6	Kodaka et al	544	212			
				· · · · · · · · ·			(Bel. to corresp. to EP	192,060)				
		ĄJ	5,580,889		12/03/9	6	Shiokawa et al	514	343	_		
		AK	5,612,358		03/18/9	7	(Bel. to corresp. to WO Ishimitsu et al	91/4965) 514	357			
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<sup>\*</sup> Neither English Language Equivalent nor an English Language Translation is available.

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		AA	5,614,527		03/25/9	7	(Bel. to corresp. to EP Kinoshita et al	685,477) 514	256		
		AB	5,633,375		05/27/9	7	(Bel. to corresp. to EP Uneme et al	376,279) 544	336		n .
		AC	5,719,146		02/17/9	8	(Bel. to corresp. to EP Shiokawa et al	386,565) 514	229.2	<b>₹</b> [	<u> </u>
		AD	5,750,704		05/12/9	8	(Bel. to corresp. to EP Shiokawa et al	192,060) 546	275.1	<sup>2</sup>	2
		AE	Re. 35,811		05/26/9	8	(Bel. to corresp. to EP Shiokawa et al	375,907) 514	357	00 2	
		AF	5,849,768	1	12/15/9	8	(Bel. to corresp. to EP Minamida et al	302,389) 514	357		ri I
		AG	5,852,012		12/22/9		(Bel. to corresp. to EP Maienfisch et al	580,553) 514	229.2	C	<b>j</b>
		AH	5,935,981		08/10/9	9 .	(Bel. to corresp. to EP Minamida et al	302,389) 514	365		
		AI	6,022,871		02/08/0	n	(Bel. to corresp. to EP Maienfisch et al	580,553) 514	229.2		
		AJ	6,022,967		02/08/0		(Bel. to corresp. to EP Shiokawa et al	192,060) 544	298		
		AK	6,160,126		12/12/0		(Bel. to corresp. to EP Kando et al	471,372) 548	477		-
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	AA	6,187,773 B1	02/13/01	(Bel. to corresp. to EP Wu et al	428,941) 514	245		
	АВ	6,232,309 B1	05/15/01	(Bel. to corresp. to EP Shiokawa et al (Bel. to corresp. to EP	386,565) 514 192,060)	222.5		
	AC	6,297,374 B1	10/02/01	Shiokawa et al	544	55	유	
	AD	2001/0046994 A1	11/29/01	(Bel. to corresp. to EP Wu et al (Bel. to corresp. to EP	428,941) 514 386,565)	241		
	AE	6,344,453 B1	02/05/02	Shiokawa et al	514	223.8	NIER &	
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